

**IN THE CLAIMS:**

Please amend claims 1-20, 23-25, 27-31, cancel claims 21, 22 and 26, and add claim 32, as follows.

1. (Currently Amended) A method ~~for discovering services for a wireless multimode terminal with a plurality of radio interfaces, the method comprising the steps of:~~

~~in a mobile network, sending~~ receiving, from a mobile network, an indication ~~to at~~ a multimode terminal operably connected to the mobile network, the indication indicating that services may be locally available via at least one short-range wireless network;

~~receiving the indication in the multimode terminal;~~

based on the indication, collecting service information about services for the multimode terminal available through at least one short-range radio interface of the multimode terminal; and

based on the service information collected, compiling a service list describing at least one service available through the at least one short-range radio interface.

2. (Currently Amended) ~~A~~ The method according to claim 1, wherein the collecting ~~step~~ includes the steps of comprises:

attempting to detect at least one of the at least one short-range wireless network through at least one short-range radio interface of the multimode terminal; and

gathering the service information through the at least one short-range radio interface.

3. (Currently Amended) ~~A~~The method according to claim 2, wherein the attempting and gathering ~~steps~~ are performed for one short-range radio interface at a time.

4. (Currently Amended) ~~A~~The method according to claim 3, further comprising ~~a step of~~ controlling the multimode terminal to a power save state with respect to a short-range radio interface after service information is collected through that short-range radio interface, or ~~if~~ when no network is detected through that short-range radio interface.

5. (Currently Amended) ~~A~~The method according to claim 2, wherein the attempting ~~step~~ includes attempting to detect short-range wireless networks corresponding to all short-range radio interfaces of the multimode terminal.

6. (Currently Amended) ~~A~~The method according to claim 1, further comprising ~~the steps of~~:

storing user preference data in the multimode terminal;

based on the preference data and the service information collected ~~in the collecting step~~, selecting one short-range wireless network; and

establishing communications with the short-range wireless network selected.

7. (Currently Amended) ~~A-~~The method according to claim 1, wherein the indication received from the mobile network includes instructive information for the collecting of said service information ~~step~~.

8. (Currently Amended) ~~A-~~The method according to claim 7, wherein the instructive information ~~includes~~ comprises at least one network address.

9. (Currently Amended) ~~A-~~The method according to claim 8, wherein the service information is collected through a radio interface by which the multimode terminal is operably connected to the mobile network.

10. (Currently Amended) ~~A-~~The method according to claim 8, wherein the collecting ~~step includes the steps of~~ comprises:

extracting the at least one network address from the indication; and

gathering the service information based on the at least one network address.

11. (Currently Amended) ~~A-~~The method according to claim 8, wherein the network address is an ~~IP~~ internet protocol address.

12. (Currently Amended) ~~A-The~~ method according to claim 7, wherein the instructive information indicates at least one short-range radio interface for each service available locally.

13. (Currently Amended) ~~A-The~~ method according to claim 12, wherein the collecting ~~step includes the steps of~~comprises:

attempting to detect at least one of the at least one short-range wireless network through at least one of the at least one short-range radio interface indicated by the instructive information; and

gathering the service information through the at least one of the at least one short-range radio interface.

14. (Currently Amended) ~~A-The~~ method according to claim 1, further comprising ~~a step of~~ presenting the service list to a user of the multimode terminal.

15. (Currently Amended) ~~A-The~~ method according to claim 14, wherein the compiling ~~step includes~~comprises compiling the service list according to user preference data.

16. (Currently Amended) ~~A-The~~ method of according to claim 14, wherein the presenting ~~step further includes~~comprises presenting a required connectivity standard for each of the at least one service.

17. (Currently Amended) ~~A-The~~ method according to claim 1, wherein the service list ~~includes~~ comprises service providers corresponding to the at least one service.

18. (Currently Amended) ~~A-The~~ method according to claim 14, further comprising ~~a step~~ of querying the user of the multimode terminal ~~if~~ when any of the at least one service is to be accessed.

19. (Currently Amended) ~~A-The~~ method according to claim 1, wherein the ~~sendingreceiving step includes~~ comprises ~~sending-receiving~~ the indication as part of system information sent ~~in~~ from the mobile network.

20. (Currently Amended) ~~A-The~~ method according to claim 1, further comprising ~~a step~~ of maintaining a service database in the mobile network, the service database ~~including~~ comprising service-related data for the indication.

21. (Cancelled)

22. (Cancelled)

23. (Currently Amended) ~~A-system~~ The apparatus according to claim ~~24~~ 27, wherein the

~~indication means are configured to send~~receiver is configured to receive the indication as part of system information sent to terminals in the mobile network.

24. (Currently Amended) ~~A system~~The apparatus according to claim ~~24~~27, wherein the ~~indication means are configured to send~~comprises instructive information for the ~~information-collecting means of~~said service information.

25. (Currently Amended) ~~A system~~The apparatus according to claim ~~24~~27, wherein the service list ~~includes~~comprises information about a connectivity standard for the at least one service.

26. (Cancelled)

27. (Currently Amended) ~~An apparatus comprising wireless multimode terminal, the multimode terminal including:~~

a first radio interface operably connectable to a mobile network;

at least one short-range radio interface,

~~reception means for receiving~~a receiver configured to receive an indication, from the mobile network, through the first radio interface, the indication indicating that services may be locally available for the multimode terminal via at least one short-range wireless network; and

a controller configured to

~~information collection means, responsive to the reception means, for~~  
~~collecting~~collect service information about services available via at least one of  
the at least one short-range wireless network; and

~~service indication means for compiling~~compile a service list based on the  
service information collected, the service list describing at least one service  
available via the at least one of the at least one short-range wireless network.

28. (Currently Amended) ~~A wireless multimode terminal~~The apparatus according  
to claim 27, wherein the ~~information collection means are~~apparatus is configured  
to attempt to detect the at least one of the at least one short-range wireless network  
in response to the indication.

29. (Currently Amended) ~~A wireless multimode terminal~~The apparatus according  
to claim 28, wherein the ~~information collection means are~~apparatus is configured  
to activate one short-range radio interface at a time.

30. (Currently Amended) ~~A wireless multimode terminal~~The apparatus according  
to claim 29, wherein the ~~information collection means are~~apparatus is further  
configured to control an activated short-range radio interface to a power save state  
after service information is collected through the activated short-range radio

interface or if when no network is detected through the activated short-range radio interface.

31. (Currently Amended) ~~A wireless multimode terminal~~ The apparatus according to claim 27, wherein the ~~information collection means are~~ apparatus is configured to retrieve the service information from a network address included in the indication.

32. (New) An apparatus comprising:

a first radio interface operably connectable to a mobile network;

at least one short-range radio interface,

receiving means for receiving an indication, from the mobile network, through the first radio interface, the indication indicating that services may be locally available for the multimode terminal via at least one short-range wireless network;

information collection means, responsive to the reception means, for collecting service information about services available via at least one of the at least one short-range wireless network; and

service indication means for compiling a service list based on the service information collected, the service list describing at least one service available via the at least one of the at least one short-range wireless network.